

Processing of Requests for Static Objects in a Network Server

ABSTRACT

5 A method and system for responding to requests for static web documents including saving the response as a packet train comprising one or more IP compliant packets. Upon a subsequent request for the static web document, the saved packet train may be retrieved and the header information updated. In this manner, the network protocol processing required to respond to the request is reduced. The server may include code for determining whether a referenced
10 web object is a static object and a directory of recently accessed static web objects and a copy of the corresponding packet trains. The web server may be configured to consult the directory to determine if an object is a static object that has been recently accessed. If the object has been recently accessed, the server may retrieve the corresponding packet train from its system memory or from disk and update the packet headers prior to transmission.